

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,173ADATE: 06/15/1999
TIME: 17:55:12

INPUT SET: S32212.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT:

(A) NAME: EUROSCREEN S.A.
(B) STREET: Avenue des Becassines 7
(C) CITY: BRUXELLES
(E) COUNTRY: BELGIUM
(F) POSTAL CODE (ZIP): 1160

(A) NAME: COMMUNI DIDIER
(B) STREET: Groendallaan 19
(C) CITY: VILVOORDE
(E) COUNTRY: BELGIUM
(F) POSTAL CODE (ZIP): 1800

(A) NAME: PIROTTON SABINE
(B) STREET: Avenue Marius Renard 27a
(C) CITY: BRUXELLES
(E) COUNTRY: BELGIUM
(F) POSTAL CODE (ZIP): 1070

(A) NAME: PARMENTIER MARC
(B) STREET: Chausses d'Uccle 304
(C) CITY: LINKEBEEK
(E) COUNTRY: BELGIUM
(F) POSTAL CODE (ZIP): 1604

(A) NAME: BOEYNAEMS JEAN-MARIE
(B) STREET: Avenue Peter Benoit 5
(C) CITY: WEMMEL
(E) COUNTRY: BELGIUM
(F) POSTAL CODE (ZIP): 1780

(ii) TITLE OF INVENTION: RECEPTOR AND NUCLEIC ACID MOLECULE ENCODING
SAID RECEPTOR

(iii) NUMBER OF SEQUENCES: 4

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/077,173ADATE: 06/15/1999
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47 (vi) CURRENT APPLICATION DATA:
48 (A) APPLICATION NUMBER:
49 (B) FILING DATE:
50
51 (vii) PRIOR APPLICATION DATA:
52 (A) APPLICATION NUMBER: WO PCT/BE 96/00123
53 (B) FILING DATE:
54
55 (2) INFORMATION FOR SEQ ID NO: 1:
56
57 (i) SEQUENCE CHARACTERISTICS:
58 (A) LENGTH: 1429 base pairs
59 (B) TYPE: nucleic acid
60 (C) STRANDEDNESS: single
61 (D) TOPOLOGY: linear
62
63 (ii) MOLECULE TYPE: DNA (genomic)
64
65
66 (ix) FEATURE:
67 (A) NAME/KEY: CDS
68 (B) LOCATION: 181..1275
69
70
71 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
72
73 AAGGGAGCTT GGGTAGGGGC CAGGCTAGCC TGAGTGCACC CAGATGCGCT TCTGTCAGCT 60
74
75 CTCCCTAGTG CTTCAACCAC TGCTCTCCCT GCTCTACTTT TTTTGCTCCA GCTCAGGGAT 120
76
77 GGGGGTGGGC AGGGAAATCC TGCCACCCTC ACTTCTCCCC TTCCCATCTC CAGGGGGGGCC 180
78
79 ATG GCC AGT ACA GAG TCC TCC CTG TTG AGA TCC CTA GGC CTC AGC CCA 228
80 Met Ala Ser Thr Glu Ser Ser Leu Leu Arg Ser Leu Gly Leu Ser Pro
81 1 5 10 15
82
83 GGT CCT GGC AGC AGT GAG GTG GAG CTG GAC TGT TGG TTT GAT GAG GAT 276
84 Gly Pro Gly Ser Ser Glu Val Glu Leu Asp Cys Trp Phe Asp Glu Asp
85 20 25 30
86
87 TTC AAG TTC ATC CTG CTG CCT GTG AGC TAT GCA GTT GTC TTT GTG CTG 324
88 Phe Lys Phe Ile Leu Leu Pro Val Ser Tyr Ala Val Val Phe Val Leu
89 35 40 45
90
91 GGC TTG GGC CTT AAC GCC CCA ACC CTA TGG CTC TTC ATC TTC CGC CTC 372
92 Gly Leu Gly Leu Asn Ala Pro Thr Leu Trp Leu Phe Ile Phe Arg Leu
93 50 55 60
94
95 CGA CCC TGG GAT GCA ACG GCC ACC TAC ATG TTC CAC CTG GCA TTG TCA 420
96 Arg Pro Trp Asp Ala Thr Ala Thr Tyr Met Phe His Leu Ala Leu Ser
97 65 70 75 80
98
99 GAC ACC TTG TAT GTG CTG TCG CTG CCC ACC CTC ATC TAC TAT TAT GCA 468

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100	Asp Thr Leu Tyr Val L u Ser Leu Pro Thr Leu Ile Tyr Tyr Tyr Ala	
101	85 90 95	
102		
103	GCC CAC AAC CAC TGG CCC TTT GGC ACT GAG ATC TGC AAG TTC GTC CGC	516
104	Ala His Asn His Trp Pro Phe Gly Thr Glu Ile Cys Lys Phe Val Arg	
105	100 105 110	
106		
107	TTT CTT TTC TAT TGG AAC CTC TAC TGC AGT GTC CTT TTC CTC ACC TGC	564
108	Phe Leu Phe Tyr Trp Asn Leu Tyr Cys Ser Val Leu Phe Leu Thr Cys	
109	115 120 125	
110		
111	ATC AGC GTG CAC CGC TAC CTG GGC ATC TGC CAC CCA CTT CGG GCA CTA	612
112	Ile Ser Val His Arg Tyr Leu Gly Ile Cys His Pro Leu Arg Ala Leu	
113	130 135 140	
114		
115	CGC TGG GGC CGC CCT CGC CTC GCA GGC CTT CTC TGC CTG GCA GTT TGG	660
116	Arg Trp Gly Arg Pro Arg Leu Ala Gly Leu Leu Cys Leu Ala Val Trp	
117	145 150 155 160	
118		
119	TTG GTC GTA GCC GGC TGC CTC GTG CCC AAC CTG TTC TTT GTC ACA ACC	708
120	Leu Val Val Ala Gly Cys Leu Val Pro Asn Leu Phe Phe Val Thr Thr	
121	165 170 175	
122		
123	AGC AAC AAA GGG ACC ACC GTC CTG TGC CAT GAC ACC ACT CGG CCT GAA	756
124	Ser Asn Lys Gly Thr Thr Val Leu Cys His Asp Thr Thr Arg Pro Glu	
125	180 185 190	
126		
127	GAG TTT GAC CAC TAT GTG CAC TTC AGC TCG GCG GTC ATG GGG CTG CTC	804
128	Glu Phe Asp His Tyr Val His Phe Ser Ser Ala Val Met Gly Leu Leu	
129	195 200 205	
130		
131	TTT GGC GTG CCC TGC CTG GTC ACT CTT GTT TGC TAT GGA CTC ATG GCT	852
132	Phe Gly Val Pro Cys Leu Val Thr Leu Val Cys Tyr Gly Leu Met Ala	
133	210 215 220	
134		
135	CGT CGC CTG TAT CAG CCC TTG CCA GGC TCT GCA CAG TCG TCT TCT CGC	900
136	Arg Arg Leu Tyr Gln Pro Leu Pro Gly Ser Ala Gln Ser Ser Ser Arg	
137	225 230 235 240	
138		
139	CTC CGC TCT CTC CGC ACC ATA GCT GTG GTG CTG ACT GTC TTT GCT GTC	948
140	Leu Arg Ser Leu Arg Thr Ile Ala Val Val Leu Thr Val Phe Ala Val	
141	245 250 255	
142		
143	TGC TTC GTG CCT TTC CAC ATC ACC CGC ACC ATT TAC TAC CTG GCC AGG	996
144	Cys Phe Val Pro Phe His Ile Thr Arg Thr Ile Tyr Tyr Leu Ala Arg	
145	260 265 270	
146		
147	CTG TTG GAA GCT GAC TGC CGA GTA CTG AAC ATT GTC AAC GTG GTC TAT	1044
148	Leu Leu Glu Ala Asp Cys Arg Val Leu Asn Ile Val Asn Val Val Tyr	
149	275 280 285	
150		
151	AAA GTG ACT CGG CCC CTG GCC AGT GCC AAC AGC TGC CTG GAT CCT GTG	1092
152	Lys Val Thr Arg Pro Leu Ala Ser Ala Asn Ser Cys Leu Asp Pro Val	

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153      290      295      300
154
155 CTC TAC TTG CTC ACT GGG GAC AAA TAT CGA CGT CAG CTC CGT CAG CTC      1140
156 Leu Tyr Leu Leu Thr Gly Asp Lys Tyr Arg Arg Gln Leu Arg Gln Leu
157 305      310      315      320
158
159 TGT GGT GGT GGC AAG CCC CAG CCC CGC ACG GCT GCC TCT TCC CTG GCA      1188
160 Cys Gly Gly Gly Lys Pro Gln Pro Arg Thr Ala Ala Ser Ser Leu Ala
161      325      330      335
162
163 CTA GTG TCC CTG CCT GAG GAT AGC AGC TGC AGG TGG GCG GCC ACC CCC      1236
164 Leu Val Ser Leu Pro Glu Asp Ser Ser Cys Arg Trp Ala Ala Thr Pro
165      340      345      350
166
167 CAG GAC AGT AGC TGC TCT ACT CCT AGG GCA GAT AGA TTC TAACACGGGA      1285
168 Gln Asp Ser Ser Cys Ser Thr Pro Arg Ala Asp Arg Phe
169      355      360      365
170
171 AGCCGGCAAG TGAGAGAAAA GGGGATGAGT GCAGGGCAGA GGTGAGGGAA CCCAATAGTG      1345
172
173 ATACCTGGTA AGGTGCTTCT TCCTCTTTTC CAGGCTCTGG AGAGAAGCCC TCACCCTGAG      1405
174
175 GGTGCCACG GAGGCAGGGA TATC      1429
176
177
178 (2) INFORMATION FOR SEQ ID NO: 2:
179
180 (i) SEQUENCE CHARACTERISTICS:
181 (A) LENGTH: 365 amino acids
182 (B) TYPE: amino acid
183 (D) TOPOLOGY: linear
184
185 (ii) MOLECULE TYPE: protein
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
187
188 Met Ala Ser Thr Glu Ser Ser Leu Leu Arg Ser Leu Gly Leu Ser Pro
189 1      5      10      15
190
191 Gly Pro Gly Ser Ser Glu Val Glu Leu Asp Cys Trp Phe Asp Glu Asp
192      20      25      30
193
194 Phe Lys Phe Ile Leu Leu Pro Val Ser Tyr Ala Val Val Phe Val Leu
195      35      40      45
196
197 Gly Leu Gly Leu Asn Ala Pro Thr Leu Trp Leu Phe Ile Phe Arg Leu
198      50      55      60
199
200 Arg Pro Trp Asp Ala Thr Ala Thr Tyr Met Phe His Leu Ala Leu Ser
201      65      70      75      80
202
203 Asp Thr Leu Tyr Val Leu Ser Leu Pro Thr Leu Ile Tyr Tyr Tyr Ala
204      85      90      95
205

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206  Ala His Asn His Trp Pro Phe Gly Thr Glu Ile Cys Lys Phe Val Arg
207              100              105              110
208
209  Phe Leu Phe Tyr Trp Asn Leu Tyr Cys Ser Val Leu Phe Leu Thr Cys
210              115              120              125
211
212  Ile Ser Val His Arg Tyr Leu Gly Ile Cys His Pro Leu Arg Ala Leu
213              130              135              140
214
215  Arg Trp Gly Arg Pro Arg Leu Ala Gly Leu Leu Cys Leu Ala Val Trp
216  145              150              155              160
217
218  Leu Val Val Ala Gly Cys Leu Val Pro Asn Leu Phe Phe Val Thr Thr
219              165              170              175
220
221  Ser Asn Lys Gly Thr Thr Val Leu Cys His Asp Thr Thr Arg Pro Glu
222              180              185              190
223
224  Glu Phe Asp His Tyr Val His Phe Ser Ser Ala Val Met Gly Leu Leu
225              195              200              205
226
227  Phe Gly Val Pro Cys Leu Val Thr Leu Val Cys Tyr Gly Leu Met Ala
228  210              215              220
229
230  Arg Arg Leu Tyr Gln Pro Leu Pro Gly Ser Ala Gln Ser Ser Ser Arg
231  225              230              235              240
232
233  Leu Arg Ser Leu Arg Thr Ile Ala Val Val Leu Thr Val Phe Ala Val
234              245              250              255
235
236  Cys Phe Val Pro Phe His Ile Thr Arg Thr Ile Tyr Tyr Leu Ala Arg
237              260              265              270
238
239  Leu Leu Glu Ala Asp Cys Arg Val Leu Asn Ile Val Asn Val Val Tyr
240              275              280              285
241
242  Lys Val Thr Arg Pro Leu Ala Ser Ala Asn Ser Cys Leu Asp Pro Val
243  290              295              300
244
245  Leu Tyr Leu Leu Thr Gly Asp Lys Tyr Arg Arg Gln Leu Arg Gln Leu
246  305              310              315              320
247
248  Cys Gly Gly Gly Lys Pro Gln Pro Arg Thr Ala Ala Ser Ser Leu Ala
249              325              330              335
250
251  Leu Val Ser Leu Pro Glu Asp Ser Ser Cys Arg Trp Ala Ala Thr Pro
252              340              345              350
253
254  Gln Asp Ser Ser Cys Ser Thr Pro Arg Ala Asp Arg Phe
255              355              360              365
256
257  (2) INFORMATION FOR SEQ ID NO: 3:
258

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/077,173ADATE: 06/15/1999
TIME: 17:55:14**INPUT SET: S32212.raw**

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: EUROSREEN S.A.
7	Unknown or Misplaced Identifier	(B) STREET: Avenue des Becassines 7
8	Unknown or Misplaced Identifier	(C) CITY: BRUXELLES
9	Unknown or Misplaced Identifier	(E) COUNTRY: BELGIUM
10	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 1160
12	Unknown or Misplaced Identifier	(A) NAME: COMMUNI DIDIER
13	Unknown or Misplaced Identifier	(B) STREET: Groendallaan 19
14	Unknown or Misplaced Identifier	(C) CITY: VILVOORDE
15	Unknown or Misplaced Identifier	(E) COUNTRY: BELGIUM
16	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 1800
18	Unknown or Misplaced Identifier	(A) NAME: PIROTON SABINE
19	Unknown or Misplaced Identifier	(B) STREET: Avenue Marius Renard 27a
20	Unknown or Misplaced Identifier	(C) CITY: BRUXELLES
21	Unknown or Misplaced Identifier	(E) COUNTRY: BELGIUM
22	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 1070
24	Unknown or Misplaced Identifier	(A) NAME: PARMENTIER MARC
25	Unknown or Misplaced Identifier	(B) STREET: Chaussées d'Uccle 304
26	Unknown or Misplaced Identifier	(C) CITY: LINKEBEEK
27	Unknown or Misplaced Identifier	(E) COUNTRY: BELGIUM
28	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 1604
30	Unknown or Misplaced Identifier	(A) NAME: BOEYNAEMS JEAN-MARIE
31	Unknown or Misplaced Identifier	(B) STREET: Avenue Peter Benoit 5
32	Unknown or Misplaced Identifier	(C) CITY: WEMMEL
33	Unknown or Misplaced Identifier	(E) COUNTRY: BELGIUM
34	Unknown or Misplaced Identifier	(F) POSTAL CODE (ZIP): 1780